

## CODE OPTIMIZATION METHOD AND SYSTEM

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### ABSTRACT

A method and system for optimizing computer source code is provided. Prior to compiling the source code, the code is analyzed to determine the occurrence of repeating patterns of code. The repeating patterns of code are replaced with a programming loop that executes a single instance of the pattern multiple times using appropriate array indices and loop increments. In this manner, source code size is reduced making transfer, storage and compiling more efficient.